

A B S T R A C T

A SURGE PROTECTOR DEVICE WITH SIMULTANEOUSLY-TRIGGERED SPARK
GAPS IN PARALLEL

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The invention relates to a surge protector device of the
spark gap lightning arrestor kind, the device comprising:

- a first spark gap (E1);
 - a first pre-trigger system (2) electrically connected
- 10 to the first spark gap (E1) in such a manner as to enable an
arc to be struck therein; and

- a control device (4) electrically connected to the
first pre-trigger system (2) in such a manner as to activate
it;

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the protector device being characterized in that it
includes at least one second spark gap (E2) connected in
parallel with the first spark gap (E1), and electrically
connected to a second pre-trigger system (3) connected in
parallel with the first pre-trigger system (2), in such a
20 manner that the control device (4) activates the first and
second pre-trigger systems (2, 3) simultaneously so as to
trigger the first and second spark gaps (E1, E2)
simultaneously.

Devices for providing protection against surges.

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Translation of the title and the abstract as they were when originally filed by the
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